

South Pacific Division

U.S. Army Corps of Engineers



**US Army Corps
of Engineers®**
South Pacific Division

Mission

The South Pacific Division, U.S. Army Corps of Engineers was established in San Francisco in 1888 and is one of eight regional headquarters of the U.S. Army Corps of Engineers. The operating district headquarters of the division are located in San Francisco, Sacramento, Los Angeles and Albuquerque. The Division supports water resources development in California, Arizona, Nevada, Utah and New Mexico as well as parts of Oregon, Idaho, Wyoming, Colorado, and Texas. Military construction for the Army and Air Force is supported by the Sacramento, Los Angeles, and Albuquerque Districts in California, Nevada, Utah, Arizona and New Mexico. Environmental restoration is also a large program encompassing both Hazardous, Toxic, and Radioactive Waste (HTRW) clean-up and environmental mitigation and restoration.



Civil Works Boundary

Contacts

South Pacific Division

333 Market Street
Room 1101
San Francisco, CA 94105-2195
Executive Office: (415) 977-8001
Public Affairs: (415) 977- 8272
Fax: (415) 977-8316
Website: www.spd.usace.army.mil

Albuquerque District

4101 Jefferson Plaza NE
Albuquerque, NM 87109-3435
Executive Office: (505) 342-3432
Public Affairs: (505) 342-3171
Fax: (505) 342-3199
Website: www.spa.usace.army.mil

Los Angeles District

PO Box 2711
Los Angeles, CA 90053-2325
Office Location: 911 Wilshire Blvd
Los Angeles, CA 90017
Executive Office: (213) 452-3967
Public Affairs: (213) 452-3920
Fax: (213) 452-4214
Website: www.spl.usace.army.mil

Sacramento District

1325 J Street
Sacramento, CA 95814-2922
Executive Office: (916) 557-7490
Public Affairs: (916) 557-5101
Fax: 916-557-7859
Website: www.spk.usace.army.mil

San Francisco District

333 Market Street, Room 923
San Francisco, CA 94105-2195
Executive Office: (415) 977-8500
Public Affairs: (415) 977- 8658
Fax: (415) 977-8524
Website: www.spn.usace.army.mil

Who We Are / What We Do

The Los Angeles District

The Los Angeles District covers all or portions of Southern California, Arizona, Southern Nevada and Southwestern Utah – an area of 226,000 square miles, with 420 miles of shoreline and 14 harbors to maintain. It has dual missions of civil works and military construction. The district works out of its headquarters in downtown Los Angeles and 22 field offices in California, Arizona, and Nevada. The district has four large construction projects currently underway. The Santa Ana River Mainstem Flood Control Project is a nearly \$1.4 billion job which will protect more than a million people and 250,000 structures with the newly completed Seven Oaks Dam (the 10th largest earthfill dam in the U.S.) The Port of Los Angeles expansion, is a \$401 million project that is deepening the channel and creating a landfill for a new pier. The Tropicana and Flamingo Washes Flood Control Project is a \$253 million undertaking in Nevada which will protect the southern portion of the city of Las Vegas from destructive flash flooding. The Los Angeles County Drainage Area Flood Control Project will upgrade flood control works along the lower Los Angeles River and the Rio Hondo, from Whittier Narrows Dam to the mouth of the Los Angeles River at the Pacific Ocean.

The Albuquerque District

The Albuquerque District is a full-service district with expertise in many areas of engineering, planning, design, construction, contracting and environmental resources. It is the fourth largest district in geographic size in the Corps of Engineers, covering all of New Mexico, about one-third of Colorado and one-fifth of Texas. It operates and maintains flood control and related recreation areas throughout New Mexico and southern Colorado. The District also provides design, construction and operations and maintenance services to three New Mexico Air Force Bases – Cannon Air Force Base in Clovis, Holloman Air Force Base in Alamogordo and Kirtland Air Force Base in Albuquerque. It also provides design services to two Arizona Air Force Bases - Luke Air Force Base in Phoenix and Davis-Monthan Air Force Base in Tucson. The district completed \$90 million of construction in support of the second phase of the German Tornado “beddown” program at Holloman AFB. Other major projects include a Nuclear Weapons Integration Facility, Theatre Air Command and Control Simulation Facility, an Advanced Laser

Facility at Kirtland AFB, and a Sports and Fitness Center at Holloman Air Force Base. In the civil works arena, the district has designed and will build a \$47 million three-channel system flood control project in Alamogordo, N.M.

The San Francisco District

The San Francisco District has the responsibility for civil works in a 40,000 square miles area, most of which is along the northern California coastline from the Oregon Border to just south of Monterey. Missions include navigation and coastal maintenance and improvements to ports and harbors, regulatory compliance and permit activities, flood control, emergency management, mobilization and support to other federal agencies. The District’s operations and maintenance program includes dredging projects totaling 4 1/2 million cubic yards annually from the District’s navigation channels along with debris collection in the San Francisco bay, that averages 90 tons per month. The District’s Bay Model Visitor Center, in Sausalito, is one of the finest visitor centers in the nation and provides public information and education programs focusing on the environmental, historical, and cultural elements of the San Francisco Bay region. Recent accomplishments include the completion of deepening projects at the Port of Oakland, Port of Richmond and Humboldt Harbor (Eureka, Calif.) and an alternative assessment of the proposed seismic retrofitting of the San Francisco to Oakland Bay Bridge.

The Sacramento District

The Sacramento District plans, designs, builds and operates water resources, flood control, environmental, navigation, and other civil works projects. It also plans, designs and builds facilities for the Army, Air Force, and other federal agencies and also performs services for state and local governments. The District operates in parts of four western states. Its boundaries include approximately 300,000 square miles of land and nearly 300,000 miles of waterways. The Sacramento District also manages 2 million acres of real estate at 10 parks. These boundaries cover portions of California, Nevada, Utah, Colorado, Arizona, Idaho, and Wyoming. In addition, the Sacramento District is the regional design center within the Corps of Engineers for the planning, design, and cleanup of hazardous, toxic, and radioactive wastes for federal and non-federal interests.

Ecosystem Restoration

(Large, complex projects)



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The Corps can help you to restore degraded ecosystems. Where there's an ecological problem related to water, we can work with you to restore ecological structures (such as restoration of spawning beds in a stream channel), ecological functions (such as restoration of a wetland's water storage function), and ecological processes (such as restoration of seasonal flooding in a wetland).



*Left: Wetlands
ecosystems
restoration project,
Stockton
Deep Water Ship
Channel, California*



*Bollinas Lagoon at the Pacific Ocean: ecosystem restoration in
Marin County, California.*

- Large, complex projects are individually authorized and funded under the U.S. Army Corps of Engineers General Investigations program.
- The initial reconnaissance at 100 percent federal cost establishes "federal interest," identifies non-federal sponsors and results in a detailed scope for feasibility studies.
- The feasibility study is cost-shared with the non-federal sponsors, each paying 50 percent. Half of the non-federal contribution can be "in-kind" services.
- Design and construction are cost-shared 65 percent federal and 35 percent non-federal. It is authorized and funded by U.S. Congress via a successful feasibility report.
- Upon completion, project operation and maintenance is 100 percent non-federal.

Ecosystem Restoration (Smaller, more routine projects)



The Yolo Basin Wetlands project in Yolo, California, is a multi-agency cooperative restoration project that successfully integrates wildlife, flood control, agriculture, and public needs and uses.

Ecosystem restoration related to the effects of past federal water resources projects is authorized in Section 1135 of the 1986 Water Resources Development Act.

- The preliminary restoration plan (Reconnaissance Report) is 100 percent federally funded.
- The planning, design, and construction are 75 percent federally funded and 25 percent non-federally funded.
- The maximum federal contribution is \$5 million per project.
- This is a "continuing authority." These projects do not require individual congressional authorization.

Ecosystem restoration not related to past water resources projects is authorized in Section 206 of the 1960 Flood Control Act.

- The preliminary restoration plan (Reconnaissance Report) is 100 percent federally funded.
- Planning, design, and construction are 65 percent federally funded and 35 percent non-federally funded.
- Maximum federal contribution is \$5 million per project.
- This is also a "continuing authority." These projects do not require individual congressional authorization.
- The Yolo Basin Wetlands project in Yolo, California, is a multi-agency cooperative restoration project that successfully integrates wildlife, flood control, agriculture, and public needs and uses.

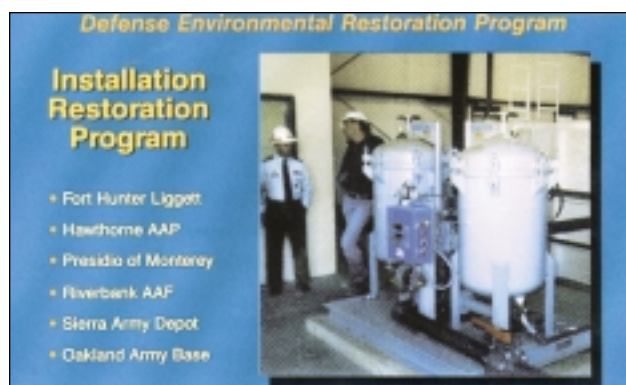
Hazardous, Toxic and Radioactive Waste Clean-Up



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Mission

Provide "one-stop" service to investigate, design and remediate Hazardous, Toxic and Radioactive Waste problems for other defense and non-defense agencies.



*Restoring
Military
Installations for
Future Use*



*The South
Pacific Division
supports military
environmental
remediation
programs.*

Products and Services

- Environmental Restoration
- Field Investigation
- Data Collection
- Interpretation
- Environmental Compliance
- Asbestos Surveys
- Lead-Based Paint Surveys
- Site Assessments
- Sampling/Testing Plans
- Chemical Data Analysis
- Remedial Response Plans
- Community Relations Plans
- Operation and Maintenance Plans
- Safety and Health Plans
- Real Estate Acquisition
- Remedial Investigation, Design and Actions
- Right-of-Way/Right-of-Entry
- Ordnance Explosive Waste
- Regulatory Coordination

Non-DOD Clients Served

- Bureau of Indian Affairs
- Western Area Power Administration
- Environmental Protection Agency
- Immigration and Naturalization Service
- Federal Aviation Administration
- Federal Emergency Management Agency
- Farmers Home Administration

Hazardous, Toxic and Radioactive Waste Clean-Up



The South Pacific Division manages Hazardous, Toxic and Radioactive Waste (HTRW) projects ranging from petroleum tank removals to complex Environmental Protection Agency Superfund projects.



Groundwater treatment at the Riverbank Army Ammunition Plant in California.

Disciplines

- Appraisers
- Attorneys
- Biologists
- Chemical Engineers
- Chemists
- Civil Engineers
- Environmental Engineers
- Environmental Scientists
- Geologists
- Hydrogeologists
- Industrial Hygienists
- Realty Specialists
- Soils Engineers
- Toxicologists
- UXO Safety Specialists

Typical Project Experience

- Underground Storage Tank Removal, Presidio of San Francisco, California
- Ground Water Remediation, Tooele Army Depot, Utah
- Pump and Treat Facility, Sacramento Army Depot, California
- Ordnance and explosive removal and sulfur bank mines investigation and cleanup for EPA, Northern California
- Remedial Investigation and Feasibility Study, Fort Ord, California

Flood Damage Reduction

(Large, complex projects)



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The Corps can help you save lives and reduce property damage through our flood and coastal storm damage reduction projects, both large and small, and flood plain management services.

Right: Seven Oaks Dam in California is the 10th largest earth filled dam built by the Corps of Engineers.

Bottom: Middle Rio Grande Flood Control Project in Corrales, N.M.



Large, complex projects are individually authorized and funded in the General Investigation process in two phases of study:

- The reconnaissance phase lasts approximately one year and is 100 percent federally funded. This establishes federal interest, develops a detailed scope for a feasibility study, and identifies a qualified, non-federal sponsor.
- The feasibility phase lasts 2 to 4 years and is cost shared with the non-federal sponsor, each paying 50 percent. This phase develops the report and environmental documentation for Congress to authorize and fund design and construction.
- Design and actual construction are authorized and funded via a successful feasibility report, and are cost shared 65 percent federal and 35 percent non-federal based on a Project Cooperation Agreement.
- Upon completion, project operation and maintenance is performed by the non-federal sponsor.

Flood Damage Reduction (Smaller, more routine)



Gabion Wall and arroyo bed at Capshaw Jr. High Flood Protection Project in Santa Fe, N.M.



Channel slope protection beneath a railroad crossing. Granada Flood Control Project in Granada, Colorado.

Smaller, less complex and more routine flood control projects are planned, designed and constructed by the Corps of Engineers "continuing authority" under Section 205 of the 1948 Flood Control Act.

- Comparable to the General Investigation program, the initial \$100,000 reconnaissance effort is 100 percent federally funded.
- Any dollar amount above the initial \$100,000 that is required for completion of the feasibility report is cost shared with the non-federal sponsor, each paying 50 percent..
- As with the congressionally authorized projects, design and construction costs are shared 65 percent federal and 35 percent non-federal.
- The feasibility report is administratively approved within the Corps of Engineers and is not acted upon by the U.S. Congress.
- Funds for design and construction are administratively programmed and budgeted by the Corps in cooperation with the non-federal sponsor.
- Upon completion, operation and maintenance are 100 percent non-federal.

Flood Proofing Program



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Under the authority of Public Law 106-53, and provisions of the Floodplain Management Services Program, the U.S. Army Corps of Engineers provides technical advice and information on the flood proofing of individual structures. This is a non-structural approach that is supported, technically and administratively, by a national committee.



This house is elevated on fill, a common flood proofing technique in the north Albuquerque, N.M. foothills area.



Engineered floodwalls are another common flood proofing technique.

- The Corps of Engineers' National Flood Proofing Committee (NFPC) implements the Flood Proofing Program.
- The NFPC is a group of highly qualified Flood Plain Management professionals from Corps of Engineers' offices nationwide.
- The purpose is to promote the development and use of proper flood proofing and other non-structural techniques to reduce damages and loss of life from floods.

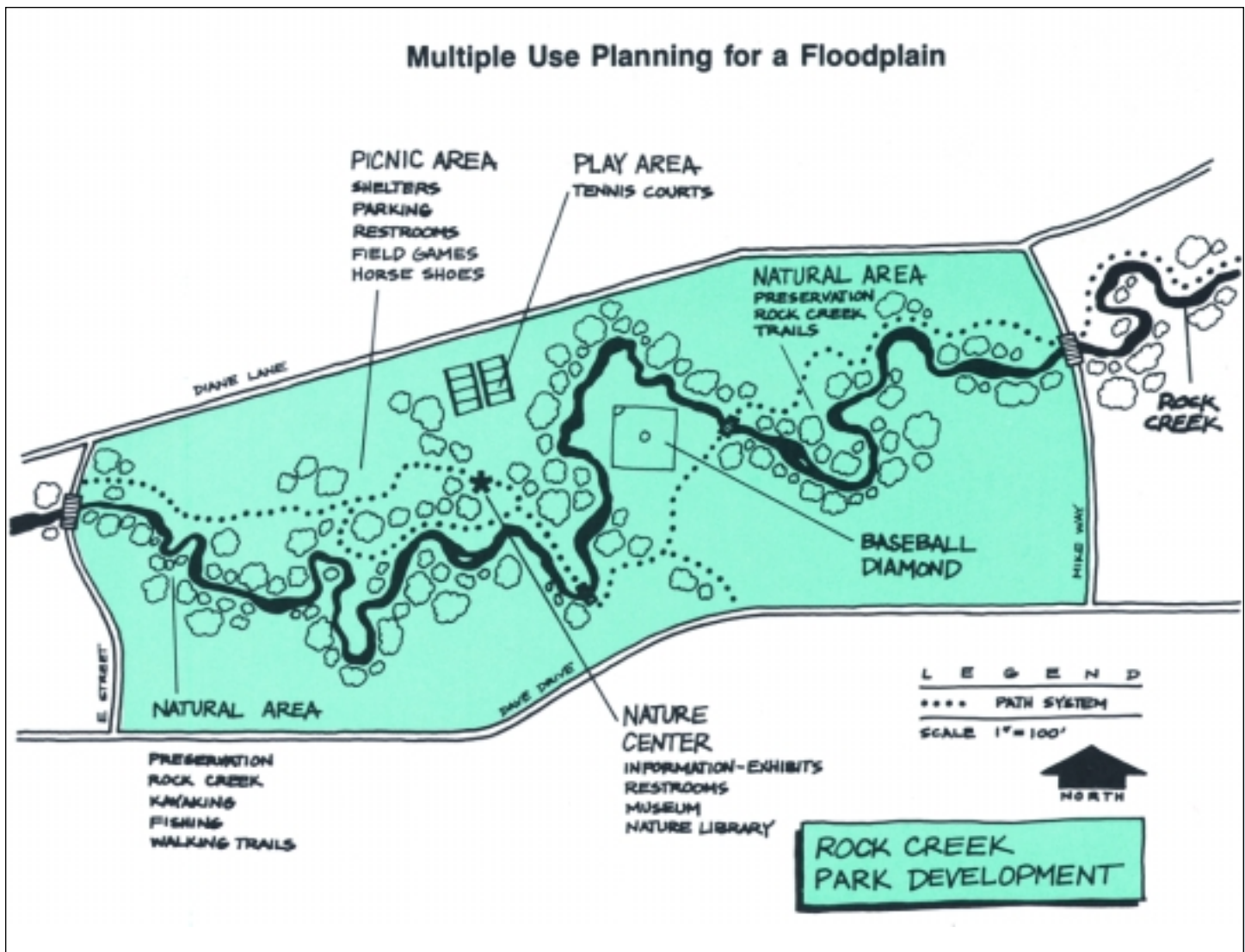
To learn more about flood proofing measures that you can use to reduce your damage from potential floods, visit the National Flood Proofing Committee's website at:

<http://www.usace.army.mil/inet/functions/cw/cwspms/nfpc.htm>

or call or write:

**U.S. Army Corps of
Engineers, CDCW-PF**
National Flood Proofing Committee
444 G Street N.W.
Washington, D.C. 20314-1000
Phone: (202) 761-0169

Flood Plain Management Services



- Section 206 of the Flood Control Act of 1960, as amended, provides authority for the Corps to develop and coordinate such floodplain information as frequency discharges and floodplain delineations.
- When Corps of Engineers' funds are available, services are provided at 100 percent federal cost to non-federal, governmental entities (state, local, tribal).
- When Corps of Engineers' funds are not available, non-federal governmental entities may provide funds.
- Services are 100 percent cost recovered from federal agencies and private interests.
- To obtain assistance, contact the Flood Plain Management Program Manager at your local Corps of Engineers District Office.

Construction Management



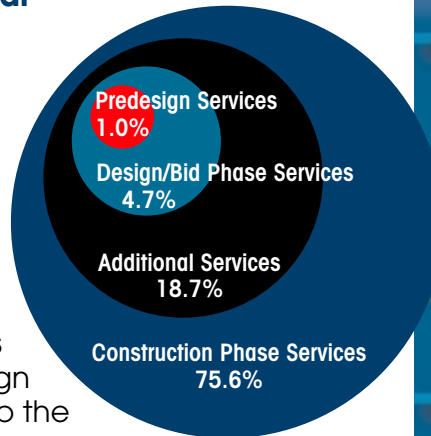
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Mission

To provide construction management services that deliver quality projects, on schedule and within budget.

Your construction management dollar buys many services

This chart shows you exactly what your construction management dollar buys. As you can see, most of it buys construction services — project management, cost management, construction oversight, contract administration, scheduling, and, of course, quality assurance. The additional portion supports services such as legal review and procurement. Predesign and design/bid phase services take up the remainder.



The Corps builds relationships

Construction management services include partnering techniques to build strong project teams and dispute resolution methods to reduce time and cost growth. Post contract support in the administration of warranties and guarantees may be provided to close out the finished project and maximize its usefulness for the client. Experienced, on-site field representatives insure continuity through completion of the project.

The Corps is a full-service construction manager

Handling claims, negotiating change orders, and administering warranties and guarantees are just some of the Corps' added services. The Corps also serves as a liaison with local, state, and other governmental agencies. It promotes partnering with contractors and customers to avoid potential litigation, increase project quality, and improve communication between all parties. Government contract administration is more complex than private-sector. Federal government requirements, for example, include programs that satisfy small and disadvantaged business and minority-owned business requirements. All work must also comply with minimum wage rates under the Davis-Bacon Act, and the workforce must be certified drug free. Additionally, the safety record for the Corps exceeds industry standards for commercial construction.

Services:

- Project Team Partnering
- Contract Management
- Quality Assurance
- Schedule Oversight
- Progress Payments
- Change Order Management
- Post Contract Support
- Warranty Administration
- Claim Management
- Zero Tolerance Safety Program

The Logistics Administration facility at Cannon Air Force Base in New Mexico.





We offer a variety of construction services including inspection, technical reviews, safety inspections, scheduling and project consultation.

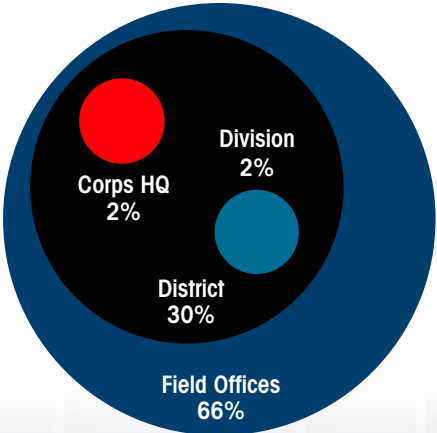
How the Corps as an organization adds value to a project

The Corps brings to the construction project a trained, experienced workforce supported by a multidisciplined organization. Regulations now require all of our Resident Engineers to be registered professional engineers or architects and complete acquisition training in compliance with the Defense Acquisition Workforce Improvement Act.

The Corps’ construction management rate varies depending on the program

For military construction and operations and maintenance (O&M) projects, the Corps charges a flat (fixed) construction management rate that is the average cost for a class of projects. Under that procedure, construction management costs are recouped within the class but the actual construction management cost for any project is unlikely to match the flat rate charge. Large projects usually subsidize smaller ones, but over time and with a variety of projects, these differences average out. This process facilitates military construction and O&M programming and ensures that small projects are not asked to bear a disproportionate share of the administrative costs. Other programs are

Corps’ customers are most familiar with our area and resident field offices, which, in fact, provide most of the services. However, district and division offices and the Corps’ Headquarters do provide some of the construction management services that directly support construction projects. Support from Corps’ headquarters and divisions is provided to the districts. Those costs are not passed on to the customer, thus saving the customer about 4 percent of the construction management efforts for their projects.



charged on a reimbursement basis; customers pay only for those professional services they receive. Within limits, that approach allows the Corps to staff projects consistent with its requirements.

The Corps of Engineers helps you manage your limited resources. As an installation commander or senior engineer, you spend millions of dollars each year to maintain and improve the facilities in which your personnel work, train, and live. The U.S. Army Corps of Engineers, through its construction management services, can help you get the most for your facility dollars. Using the Corps’ construction management services is cost effective in that it enables the installation engineers to devote their time to managing day-to-day engineering and housing responsibilities.

Real Estate Management



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Mission

To provide a full range of real estate support that best represents the needs of the customer and the federal government.



The Corps provides real estate support to the Immigration and Naturalization Service in San Diego County.

Full realty services are offered to Army, Air Force, DoD and other federal agencies as well as state and local water resource interests. The professional real estate staff includes planners, appraisers, attorneys, cartographers and acquisition and management specialists, with technical experience in the laws, regulations and policies which govern real estate transactions in the government and private sector.

In addition to the traditional roles of acquiring and managing property for military installations and water resource projects, responsibilities include working with local sponsors on flood control and navigation projects, and providing property ownership for environmental investigation and remediation.

Services

- Acquisition Services - Buy or lease
- Appraisals and Appraisal Review
- DOD Homeowners Assistance Program
- Land Descriptions, Mapping and Title Services
- Land Use and Acquisition Studies
- Legal Services
- Property Disposals; Including Base Realignment and Closure
- Property Management
- Relocation

Engineering and Design



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Mission

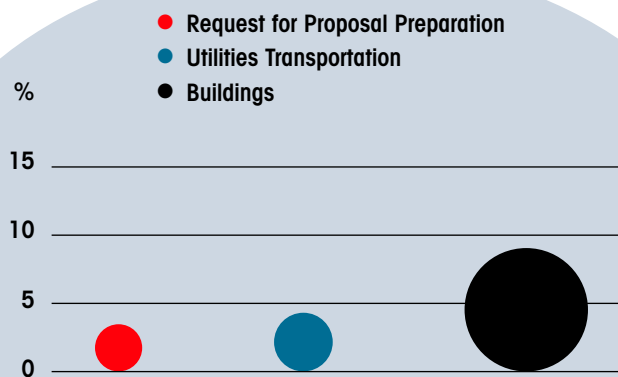
To provide a quality design that meets the customer's expectations and needs.



This Life Science Test Facility is located at Dugway Proving Ground, Utah.

The Corps has full service design capability. Our full complement of engineers, architects, technicians and support staff provides our clients the opportunity to accomplish any undertaking in the fields of engineering and design. We make full use of the architect engineer community through numerous contractual methods at our disposal. Firm fixed price, total environmental restoration, request for proposal, pre-placed remedial action, indefinite delivery/indefinite quantity and other methods/types of contracts are used to accomplish a project. Our design reviewers insure technical adequacy and criteria compliance. Our field support staff insures proper engineering assistance during construction or remediation.

- Criteria Development
- Engineering and Environmental Services
- In-house and Architect Engineer Consultant Capability
- Investigations, Studies and Design
- State-of-the-Art Computer-Aided Design
- Value Engineering Studies

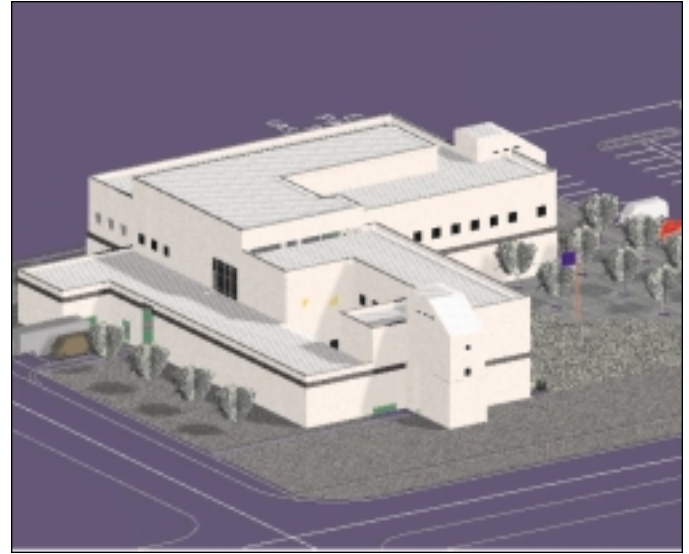


Typical design costs by percentage of construction cost*

**Actual design costs will be affected by size of the project and site complexity.*

3-D Computer Aided Design and Drafting (CADD)

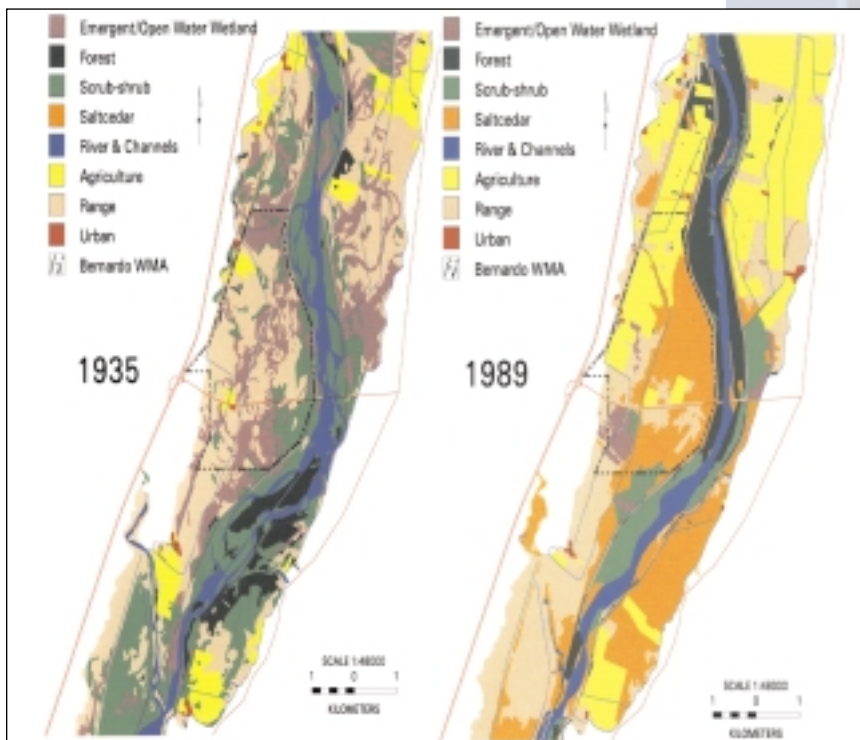
- *Visualization* - 3-D CADD provides a three-dimensional pictorial representation of a proposed building for the benefit of facility users.
- *Design Tool* - The exterior materials and the massing of building alternatives can be studied by the architect and modified to enhance the visual drama created by shadows and architectural elements.
- *Site Planning* - The proposed building can be inserted into its future context for site studies to achieve the optimum site development.
- *Energy Conservation* - Solar studies of building alternatives can be run through an entire year at any specified latitude and observed to help select shading elements, and window size and orientation to achieve energy conservation goals.
- *Presentation Models* - 3-D CADD presentations provide an acceptable alternative to hand-drawn renderings or hand-built 3-D models.



The image above represents a 3-D CADD of the Nuclear Weapons Integration Facility at Kirtland Air Force Base in New Mexico.

- *Cost Effectiveness* - 3-D CADD provides a cost-effective method of analyzing, presenting and documenting a proposed building design.

Geographical Information Systems (GIS)



Geographical Information Systems (GIS) refers to an integrated set of tools (hardware and software) capable of creating, displaying, analyzing and storing spatial information. GIS has the potential to integrate and analyze large and complex data sets with a variety of analytical tools for the qualitative and quantitative evaluation of spatial data. The results can take the form of digital and paper maps, graphs, statistics, tables, imagery, and animation.

The results illustrated at left highlight a GIS analysis of the Middle Rio Grande Valley in New Mexico to examine changes in vegetation communities in the period between 1935 and 1989. GIS graphically displays the changes that have taken place within specific, localized areas. These results are amenable to statistical analysis.

South Pacific Division's Commitment to our Customers



**US Army Corps
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South Pacific Division

The South Pacific Division is a respected center of excellence for planning, engineering, construction management and environmental services. When you work with us you have the full breadth and depth of the Corps' resources at your disposal. We build solutions when you need them that work right the first time and meet your expectations. Consider what we have to offer:

VERSATILITY

We build solutions to meet a wide variety of needs. Our customers include the Army and Air Force, the Environmental Protection Agency, the Federal Aviation Administration, the Federal Emergency Management Agency, the Immigration and Naturalization Service, seven state governments and other federal agencies, regional authorities, and numerous counties and municipalities. And we can build turnkey solutions or provide specific services tailored to your requirements.

INNOVATION

We build solutions with the latest and most appropriate technology, from geographic information systems to ground-water modeling to geosynthetic applications. The South Pacific Division is a Corps organization with a long tradition of "firsts," applying leading edge concepts to the real world. We are continually changing to meet tomorrow's challenges.

COST-EFFECTIVENESS

We build solutions that deliver the best value for your money.

RESPONSIVENESS

We build solutions for when you need them, not after the fact. Whether for military deployments or natural disasters, we are accustomed to responding and performing on short notice.

PARTNERSHIP

We build solutions not just for you, but with you. From concept to completion, we will keep you fully informed and involved to ensure we deliver what you need.

INTEGRITY

You can rely on us. As proud professionals and stewards of the public trust, we live by a simple standard — that our actions always live up to our words.

POINTS OF CONTACT

Albuquerque District: 505-342-3261, Los Angeles District: 213-452-3971, Sacramento District: 916-557-7490, San Francisco District: 415-977-8902

Capabilities

- Archeological, cultural/historical investigations
- Architecture and interior design
- Bridge and dam inspections
- Building systems design
- Civil and structural engineering
- Construction management and quality assurance
- Contracting
- Cost estimating and scheduling
- Demolition
- Electrical engineering
- Emergency preparedness and response
- Environmental engineering
- Facilities renovation
- Feasibility studies and environmental assessment
- Flood insurance studies and floodplain maps
- Geographic information systems (GIS)
- Geotechnical engineering
- Groundwater modeling
- Hydrographic and topographic surveys
- Hydrologic and hydraulic engineering
- Industrial hygiene (for asbestos and lead paint abatement)
- Land use and master planning
- Mechanical engineering
- Natural resources management
- NEPA and other regulatory compliance
- Public involvement
- Project management
- Safety management and hazard analysis
- Soil and water testing
- Value engineering
- Water resources management
- Wetlands delineation

South Pacific Division's Technical Specialists

The South Pacific Division has established a cadre of recognized technical expert positions deemed necessary to maintain core competencies in our regional planning, design and construction mission areas. Responsibilities

are for the regional SPD area and are available for project development, design, independent review and tasking in support of the Division Commander and staff.

Contracting Services Available For Our Customers



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Multiple Award Task Order Contracts (MATOC)

One MATOC is focused on the states of Arizona and Nevada and the other focuses on Southern California installations and Western Region, Bureau of Prisons. These Indefinite Delivery Indefinite Quantity (IDIQ) contracts provide competitive construction services for maintenance, renovation, repair, and construction of real property. All contracts consist of a base period with two option periods (not to exceed 36 months) and the maximum not to exceed dollar threshold, whichever comes first. The minimum task order threshold is \$25,000 and the maximum limit is \$15,000,000. Other MATOC's are currently being developed, including a design/build MATOC. These contracts will be written to allow their use throughout the South Pacific Division region.

Performance Oriented Construction Activities (POCA) Contracts or IDIQ Contracts

These contracts provide general construction services throughout the South Pacific Division. The performance period for each POCA contract is constrained by a not-to-exceed 36 month limitation or \$3,000,000, whichever occurs first. The minimum threshold for a POCA task order is \$25,000, while the maximum limit is \$3,000,000. The POCA contractors are all 8a contractors and have proven time and again that they are flexible, dependable and perform exceptional work at a fair price. Services include demolition, some design, construction and environmental remediation.

Total Environmental Restoration Contract (TERC)

The prime contractor performs all work requirements for environmental restoration from investigations, studies, designs and all site work through completion of remediation, O&M and turnover and closure of a site. This is an IDIQ contract with a duration of 10 years. Services include ground water remediation, toxic waste identification and PCB sledge removal and incineration.

Contracting Services Available For Our Customers

Pre-Placed Remedial Action Contract (PRAC)

Contracts have been awarded to large businesses, small business, and 8a contractors for environmental remediation with limited incidental investigations, studies and designs. Each contract has a five year duration.

IDIQ Contracts for Professional Services

The South Pacific Division currently has a variety of Indefinite Delivery Contracts that provide a multitude of services including A-E design for military and civil works projects, hydrology and hydraulic design, geotechnical design, environmental design, photogrammetric mapping, and surveying. Other services that are available include drilling, NEPA investigations, and archeology. The contracts have various maximum award amount limits, and sufficient capacity is available to accommodate most project requirements.

Laboratory and Testing Services

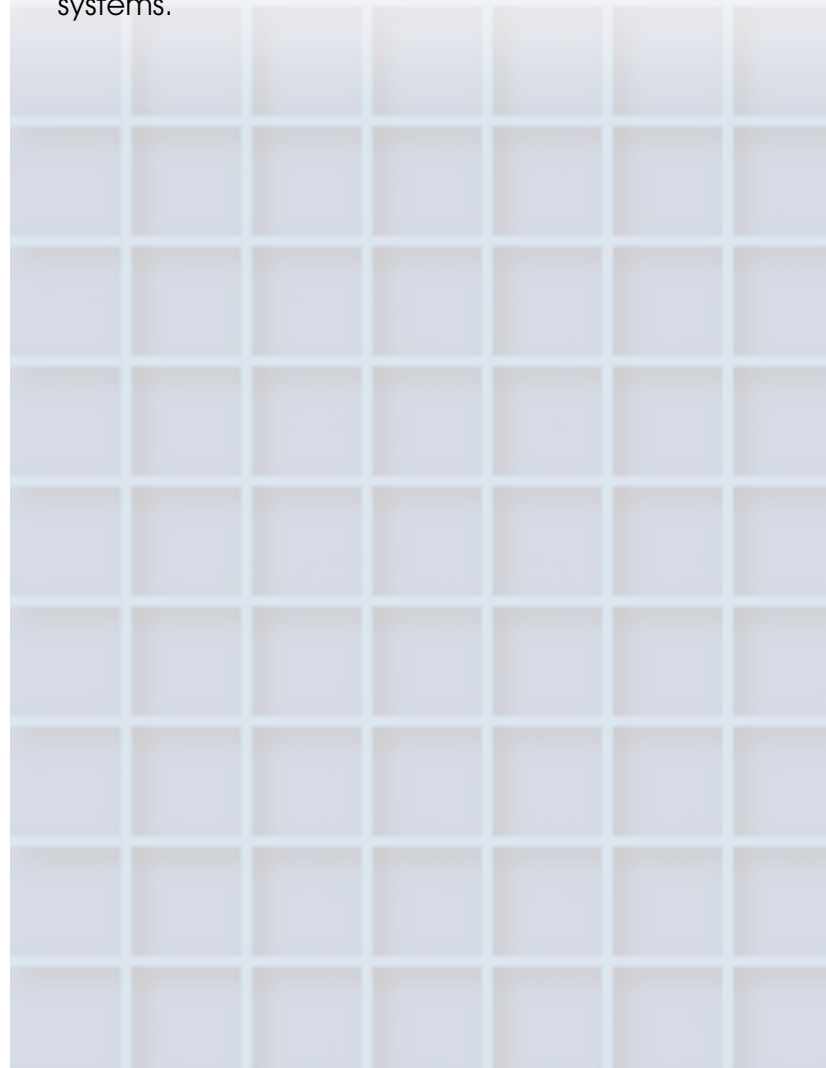
Contracts have been awarded to provide construction materials testing services such as concrete, asphalt and soils. Contracts have also been awarded to provide environmental testing services for hazardous materials and other contaminants.

JOC (Job Order Contracts)

JOC contracts use pre-priced items for specific construction units, broken down in the same detail as an estimating manual. These contracts are available for all of California.

Maintenance and Operations Service Contracts

Service contracts are currently being used to provide operations and maintenance for government facilities and equipment. These contracts are developed for specific requirements, e.g. operation of groundwater treatment systems.



Military Housing



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Mission

Design and construct quality housing environments for our clients.



Top: Warrior Inn at Nellis AFB

Above: Fort Huachuca Dorm

Right: Beale AFB family housing



Typical Project Experience

- Beale Air Force Base, California
- Fort Huachuca, Arizona
- Fort Irwin, California
- Nellis Air Force Base, Nevada
- Fort Ord, California
- Tooele Army Depot, Utah

Disciplines

- Appraisals
- Architecture
- Engineering
- Installation Planning
- Landscape Architecture
- Project Management
- Real Estate

Military Housing



Products and Services

- Alternative Energy Sources
- Architectural Integrity
- Coordinated Children's Facilities
- Environmental Aesthetics
- Multi-Story Homes
- Multiple Family Dwellings
- Single Family Homes
- Renovation



These photos represent Cannon Air Force Base family housing in New Mexico, built by the Corps of Engineers.

Why Use the U.S. Army Corps of Engineers?



**US Army Corps
of Engineers®**
South Pacific Division

- Local, full-service design and construction presence throughout our geographic area.
- Solid, professional reputation with Congress, other federal, state and local governments, and the public at large.
- Award winning design and construction teams.
- Extensive experience in project management with proven execution.
- Good reputation and alliance with the architect-engineer community.
- Quality Management for design and construction based on ISO 9001.
- Extensive experience in both design/build contracting, design-bid-build contracting and negotiated procurements.
- We recognize the importance of formal partnering with all team members including the owner, user, prime contractor, subcontractors, and the private sector.

What Your Dollar Buys

Our Strategic Advantages

Customers benefit from South Pacific Division's unique blend of skills, experience, and wide ranging capability that leads to the following strategic advantages:

One Door to the Corps

Customers can quickly draw upon our nation-wide corporate planning, environmental, design, engineering, problem-solving knowledge, real estate, and contract management experience. Continuity results from Corps offices around the region, nation and the world and in research and development labs and centers of expertise through virtual work teams and efficient linkages.

Forward Deployed and Co-Located with or Near the Customer

Customers have distinct needs that in many cases require real-time response. We have the capability to be on-site to listen and respond. We provide on-site construction management and oversight from our field offices in the South Pacific Division region.

Full Life-Cycle Project Services

We provide life cycle project management services and financial accountability with proven automation and reporting for project execution from conception to operations, maintenance, or hand-off. Our full-service capability can "off-load" a customer's peak requirements in environmental compliance, planning, engineering, and construction.

Ability to Assemble Multi-Disciplined Teams to Solve Problems

The Corps has the unique ability to assemble legal, contracting, environmental, and other engineering talent quickly and efficiently to solve a broad range of technical and environmental challenges.

Honest Broker

We facilitate negotiation, coordination, partnering, phasing, and program integration on projects involving multiple customers with diverse needs and standards.

Contracting Tools

We offer the ability to obligate funds and handle yearly obligations expediently through flexible contracting tools.

Tailored Products

We have the flexibility to tailor products and services to meet customer needs and budget constraints.

Regulatory Program



**US Army Corps
of Engineers®**
South Pacific Division

Mission

The South Pacific Division, U.S. Army Corps of Engineers, through its four District Offices and eleven field offices regulates and issues permits for structures affecting navigation and the disposal of dredged and fill material affecting the nation's waters. The Corps also works with local agency sponsors to develop Special Area Management Plans which streamline Corps permitting procedures, promote cooperative planning with local agency sponsors, identify sensitive aquatic resources, and coordinate resource protection and development.



Regulatory Offices and Boundaries

Contacts

South Pacific Division
Regulatory Program Manager
333 Market Street, Room 1101
San Francisco, CA 94105-2195
(415) 977-8030
FAX (415) 977-8045
Website: [www.spd.usace.army.mil/
dets/public/conops/
regulatory.htm](http://www.spd.usace.army.mil/dets/public/conops/regulatory.htm)

Albuquerque District
Regulatory Branch
4101 Jefferson Plaza NE
Albuquerque, NM 87109-3435
(505) 342-3432
FAX: (505) 342-3199
Website: [www.spa.usace.army.mil/
reg/](http://www.spa.usace.army.mil/reg/)

Los Angeles District
Regulatory Branch
PO Box 2711
Los Angeles, CA 90017
(213) 452-3067
FAX: (213) 452-4214
Website: [www.spl.usace.army.mil/
co/co5.html](http://www.spl.usace.army.mil/co/co5.html)

Sacramento District
Regulatory Branch
1325 J Street, Room 1444
Sacramento, CA 95814-2922
(916) 557-5252
FAX: (916) 557-6877
Website: [www.spk.usace.army.mil/
cespk-co/regulatory/](http://www.spk.usace.army.mil/cespk-co/regulatory/)

San Francisco District
Regulatory Branch
333 Market Street, 8th Floor
San Francisco, CA 94105-2197
(415) 977-8461
FAX: (415) 977-8483
Website: [www.spn.usace.army.mil/
regulatory/](http://www.spn.usace.army.mil/regulatory/)

Regulatory Program

Clean Water Act, Section 404

- Disposal of dredged and fill material in waters of the United States including lakes, rivers, streams, marshes, bays, mudflats, playas, and isolated waters

Rivers and Harbors Act, Section 10

- Protection of navigable waters

Marine Protection Research and Sanctuaries Act, Section 103

- Ocean disposal of dredged material

Types of Permits

Nationwide General Permits

- Specific activities similar in nature, minimal environmental impact, must meet permit conditions, apply nationwide unless specially restricted

Regional General Permits

- Similar to the above for specific activities within a geographic region

Individual Permits

- For activities not covered by general permits, case-by-case project evaluation and/or public interest review of each project

Contact the District Office or Field Office covering your project site for information regarding permit requirements for your activity.

SOUTH PACIFIC DIVISION HEADQUARTERS

San Francisco, CA 94111-2206
(415) 977-8030

Albuquerque District

4101 Jefferson Plaza NE
Albuquerque, NM 87109-3435
(505) 342-3282

Albuquerque District Field Offices

Army Corps of Engineers
Southern Colorado
Regulatory Office
720 North Main Street, Room 205
Pueblo, CO 81003-3046
(719) 543-9459

Army Corps of Engineers
El Paso Regulatory Office
P.O. Box 6096
Ft. Bliss, TX 79906-0096

Los Angeles District Headquarters

P.O. Box 532711
Los Angeles, CA 90017-3401
(213) 452-3406

Los Angeles District Field Offices

Army Corps of Engineers
Ventura Regulatory Office
2151 Alessandro Drive, Suite 255
Ventura, CA 93001-3749
(805) 641-1127

Army Corps of Engineers
San Diego Regulatory Office
16885 W. Bernardo Drive, Suite 300A
San Diego, CA 92127-1618
(858) 674-3387

Army Corps of Engineers
Seven Oaks Dam Regulatory Office
32330 Santa Ana Canyon Road
Highland, CA 92346-6304
(909) 794-7704

Army Corps of Engineers
Phoenix Regulatory Office
630 Sansome Street
3636 N. Central Ave., Suite 760
Phoenix, AZ 85012-1936
(602) 640-5385

Army Corps of Engineers
Tucson Regulatory Office
5205 E. Comanche St
Davis Monthan AFB
Tucson, AZ 85707-3406
(520) 670-5021

Sacramento District Headquarters

1325 J Street
Sacramento, CA 95814-2922
(916) 557-5250

Sacramento District Field Offices

Army Corps of Engineers
Nevada Regulatory Office
300 Booth Street, Room 2103
Reno, NV 89509-1316
(775) 784-5304

Army Corps of Engineers
Utah Regulatory Office
1403 South 600 West, Suite A
Bountiful, UT 84010-8164
(801) 295-8380

Army Corps of Engineers
Western Colorado Regulatory
Office
400 Rood Avenue, Room 142
Grande Junction, CO 81501-2563
(970) 243-1199

San Francisco District Headquarters

333 Market Street
San Francisco, CA 94105-2197
(415) 977-8462

San Francisco District Field Office

Army Corps of Engineers
Eureka Regulatory Office
601 Startare Drive
Eureka, CA 95501-0765

Recreation



**US Army Corps
of Engineers®**
South Pacific Division

Mission

With the passage of the first River and Harbor Act in 1844, the Corps of Engineers' mission shifted from strictly a military focus to one including civil works. The Flood Control Act of 1944, again expanded the Corps' mission to include providing recreational opportunities at Corps' civil works projects. This Act authorized the Corps "to construct, maintain, and operate public park and recreational facilities in reservoir areas" as part of multiple-purpose projects. The Act also stated, "The water areas of all such reservoirs shall be open to public use generally, ...and ready access to and exit from such water areas...shall be maintained for general public use."

The Corps interprets that 1944 Flood Control Act to authorize the installation of basic facilities the public may use for recreational purposes. These facilities include overlook stations for viewing the project, public sanitary facilities, parking areas, access roads, guardrails, fences, informational signs, camping and picnicking facilities, boat-launching facilities and many more. The Corps encourages state and local governments to assume responsibility for construction and maintenance of recreation facilities.

The Corps is host to more visitors of water-based areas than any other agency. There is an increased demand for more outdoor recreation opportunities and this requires the Corps to continue to adjust to the outdoor recreational needs and demands of the public. In so doing, the Corps must continually evaluate policies on recreation in order to meet additional recreational demands.

Division/District Recreation Information Numbers:

South Pacific Division:
(415) 977-8058

Albuquerque District:
(505) 342-3273

Sacramento District:
(916) 557-5281

San Francisco District:
(415) 977-8473

Cochiti Lake, New Mexico



Recreation

Recreation Opportunities:

Albuquerque District Projects:

Abiquiu Reservoir, Cochiti Lake, Conchas Lake, Galisteo Dam, Jemez Canyon Dam, John Martin Reservoir, Santa Rosa Reservoir, Two Rivers Dam, Trinidad Lake

Opportunities: Boating (water skiing, canoeing, sailing, cruising), fishing, hunting, swimming, camping (group and family), picnicking (group and family), multi-use trails, sightseeing, visitor centers, dam overlooks, marinas, boat rentals, playgrounds with volleyball courts etc., interpretive programs (dam tours, campfire programs, nature walks, etc.)

Los Angeles District Projects:

Los Angeles County Drainage Area: Sepulveda Dam, Hansen Dam, Lopez Dam, Santa Fe Dam, Whittier Narrows Dam, Brea Dam, Fullerton Dam
Santa Ana River Drainage Basin: Seven Oaks Dam, San Antonio Dam, Prado Dam, Carbon Canyon Dam

Mojave River Basin: Mojave River Dam

Lower Colorado River Drainage Basin: Alamo Dam, Painted Rock Dam, Whitlow Ranch Dam

Clover Creek Drainage Basin: Pine Canyon Dam, Mathews Canyon Dam

Opportunities: Camping (group, family and back country), hiking, hunting, picnicking, natural resource viewing, boating, fishing, visitor center, museum, banquet hall, amphitheatre, swimming, marinas, model airplane flying, bicycle track and velodrome, tennis courts, golf courses, equestrian

Left: Free fishing day at Abiquiu Lake, N.M.

Right: Eastman Lake northwest of Fresno, California.



trails, volleyball, basketball and handball courts, baseball fields, rifle and archery shooting ranges, playgrounds, fitness and courses

Sacramento District Projects:

(Northern Operations Area) Black Butte Lake, Englebright Lake, Martis Lake, New Hogan Lake, Stanislaus River Park

Opportunities: Boating (water skiing, canoeing, sailing, cruising, white water running), fishing, swimming, camping, (group, family, boat-in), picnicking (group and family), multi-use trails, sightseeing, wildlife viewing, dam overlooks, visitor centers, marinas, boat rentals, parks, playgrounds, interpretive programs (dam tours, campfire programs, nature walks, etc.)

(Southern Operations Area): Eastman Lake, Hensley Lake, Pine Flat Lake, Lake Kaweah, Success Lake

Opportunities: Boating (water skiing, canoeing, sailing, cruising), fishing, hunting, swimming, camping (group, family, boat-in, equestrian), picnicking (group and family), multi-trails, sightseeing, dam overlooks, visitor centers, marinas, boat rentals, playgrounds, interpretive programs (dam tours, campfire programs, nature walks, etc.)

San Francisco District Projects:

S.F. Bay Model Visitor Center, Lake Mendocino, Lake Sonoma

Opportunities: Regional visitor center (S.F. Bay Model), visitor center/fish hatchery complex (Lake Sonoma), boating (water skiing, canoeing, sailing, cruising), fishing, swimming, camping (group, family, boat-in, equestrian), picnicking (group and family), trails (equestrian, hiker and Olympic/world class mountain biking), wildlife viewing (Peregrine Falcon), dam overlooks, visitor centers, marinas, boat rentals, floating restrooms, playgrounds, interpretive programs (dam tours, campfire programs, nature walks, etc.)



Environmental Compliance and Related Support Services



**US Army Corps
of Engineers®**
South Pacific Division

Mission

Fulfill full range of environmental requirements and documentation including National Environmental Policy Act and related requirements for planning and projects.



Environmental mitigation studies supporting San Acacia Levee project on the Rio Grande in New Mexico.

Environmental compliance and documentation are carried out by the Corps in support of its own Civil Works and military missions as well as under its civil "Support for Others" reimbursable services program. Albuquerque, Sacramento, and Los Angeles Districts have the capability to enhance environmental quality through environmental compliance, environmental conservation and pollution prevention support actions. A wide variety of environmental contract services are also available throughout the Corps of Engineers.

- National Environmental Policy Act as compliance umbrella
- Environmental Impact Statements and Records of Decision for larger, more complex projects
- Environmental Assessments and Findings of No Significant Impact for smaller, less complex, more routine projects
- Fish and Wildlife coordination/Federal Endangered Species Act
- Clean Water Act
- Clean Air Act
- Cultural resources mitigation and preservation, including Native American issues
- Socioeconomic analysis
- Environmental mitigation requirements

Navigation



**US Army Corps
of Engineers®**
South Pacific Division

Mission

The U.S. Army Corps of Engineers provides America with safe, reliable, and efficient waterway transportation systems for the movement of commerce, national security needs, and recreation. In response to congressional water resource development legislation, the Corps identifies, designs, plans, constructs, operates and maintains channels, jetties, breakwaters, locks and dams, turning basins and vessel maneuvering, turning, passing, mooring or anchoring areas for both commercial and recreational needs.

Much of the Corps' navigation work involves keeping the Nation's waterways navigable for modern ships. This includes navigation and coastal maintenance and improvements to ports and harbors, regulatory compliance and permit activities, flood control planning activities, emergency management, and mobilization. Many of today's commercial ships are larger and have deeper drafts than those in the past, requiring deeper channels and larger turning and maneuvering areas. When Congress authorizes the Corps to make these changes, a local sponsor, often a town or port, shares the cost of the project. Often, the dredged material is put to good use as capping material or to develop and restore ecological habitats.

Another Corps responsibility is the maintenance of safe waterways by removing hazards to navigation. These hazards can take many forms, including drift and debris brought into the channels by natural and man-made disasters and wrecked or abandoned ships. In conjunction with the U.S. Coast Guard, the Corps identifies and removes these hazards to navigation.

- The reconnaissance phase lasts approximately one year and is 100 percent federally funded. This establishes federal interest, develops a detailed scope for a feasibility study, and identifies a qualified, non-federal sponsor.
- The feasibility phase lasts 2 to 4 years and is cost shared with the non-federal sponsor, each paying 50 percent. This phase develops the report and environmental documentation for Congress to authorize and fund design and construction.
- Design and actual construction are authorized and funded via a successful feasibility report and are cost shared in a range of 40 to 80 percent federal and 20 to 60 percent non-federal based on a Project Cooperation Agreement.
- Upon completion, project operation and maintenance is performed by the federal government.



Left: Dredge material removed from a ship channel is placed upon a waiting barge.

Right: Removal of the vessel CERLEW. After sinking, the ship was abandoned by its owners, creating a hazard to navigation in the San Francisco Bay.